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## **CLAIMS**

1. A method for preparing a compound of formula (6),

and salts, stereoisomeric forms, and racemic mixtures thereof, characterized in that said method starts from a compound of formula (2),

$$O$$
 $S-E$ 
 $O$ 
 $O$ 
 $S$ 

wherein E is an electrophilic moiety;

transforming compound of formula (2) into a compound of formula (3),

wherein LG is a leaving group; and

reacting compound of formula (3) with a compound of formula (5),

wherein

PG is a protecting group;

R<sub>2</sub> is hydrogen or C<sub>1-6</sub>alkyl;

R<sub>3</sub> is C<sub>3-7</sub>cycloalkyl, aryl, Het<sup>1</sup>, Het<sup>2</sup>, or C<sub>1-6</sub>alkyl optionally substituted with C<sub>3-7</sub>cycloalkyl, aryl, Het<sup>1</sup>, or Het<sup>2</sup>; wherein each C<sub>3-7</sub>cycloalkyl, aryl, Het<sup>1</sup>, and Het<sup>2</sup> may be optionally substituted with one or more groups selected from oxo, C<sub>1-6</sub>alkyloxy, C<sub>1-6</sub>alkyl,

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 $C_{1-6}$ alkylsulfonyl, aminosulfonyl, amino,  $C_{1-6}$ alkylcarbonylamino, hydroxy $C_{1-6}$ alkyl, cyano,  $C_{1-6}$ alkyloxycarbonyl, aminocarbonyl, halogen or trifluoromethyl, wherein each amino maybe mono- or disubstitued with  $C_{1-6}$ alkyl;

R<sub>4</sub> is selected from the group comprising hydrogen, C<sub>1-4</sub>alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di(C<sub>1-4</sub>alkyl)aminocarbonyl, C<sub>3-7</sub>cycloalkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, or C<sub>1-6</sub>alkyl optionally substituted with one or more substituents each independently selected from aryl, Het<sup>1</sup>, Het<sup>2</sup>, C<sub>3-7</sub>cycloalkyl, C<sub>1-4</sub>alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di(C<sub>1-4</sub>alkyl)aminocarbonyl, aminosulfonyl, C<sub>1-4</sub>alkyl-S(=O)<sub>t</sub>, hydroxy, cyano, halogen and amino optionally mono- or disubstituted where the substituents are each independently selected from C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl, C<sub>3-7</sub>cycloalkyl, C<sub>3-7</sub>cycloalkylC<sub>1-4</sub>alkyl, Het<sup>1</sup>, Het<sup>2</sup>, Het<sup>1</sup>C<sub>1-4</sub>alkyl and Het<sup>2</sup>C<sub>1-4</sub>alkyl; and

t is zero, one or two.

2. A method according to claim 1 for preparing a compound of formula (6), characterized in that said method comprises the steps of: alkylating a compound of formula (1)

$$O$$
 SH

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resulting into a compound of formula (2);

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wherein E is a C<sub>1-6</sub>alkyl; reacting compound of formula (2) with a sulfonation agent, resulting in a compound of

formula (3);

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wherein LG is a leaving group; and

coupling compound of formula (3) with a compound of formula (5).

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wherein PG is a protecting group; and wherein  $R_2$ ,  $R_3$ , and  $R_4$  are as claimed in claim 1.

3. A method according to any one of claims 1 to 2, characterized in that compound of formula (3) is a compound of formula (3").

4. A method according to any one of claims 1 to 3, characterized in that compound of formula (5) is obtained by amination of an epoxide-containing compound of formula
(4), and the amination reagent is H<sub>2</sub>N-R<sub>4</sub>, wherein R<sub>4</sub> is as claimed in any one of claims
1 to 3.

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5. A method according to any one of claims 1 to 4, wherein compound of formula (5) is compound of formula (5').

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6. A compound having formula (6)

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and salts, stereoisomeric forms, and racemic mixtures thereof, characterized in that PG,  $R_2$ ,  $R_3$ ,  $R_4$ , and E are as defined in any one of claims 1 to 5.

7. A compound according to claim 6, characterized in that

R<sub>2</sub> is hydrogen;

R<sub>3</sub> is arylC<sub>1-4</sub>alkyl, arylmethyl, or phenylmethyl;

 $R_4$  is unsubstituted  $C_{1-6}$ alkyl or  $C_{1-6}$ alkyl substituted with one or more substituents selected from aryl,  ${\rm Het}^1$ ,  ${\rm Het}^2$ ,  $C_{3-7}$ cycloalkyl and amino optionally monoor disubstituted where the substituents are selected from  $C_{1-4}$ alkyl, aryl,  ${\rm Het}^1$  and  ${\rm Het}^2$ .

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8. A compound according to any one of claims 6 to 7, characterized in that

R<sub>2</sub> is hydrogen;

R<sub>3</sub> is phenylmethyl; and

R<sub>4</sub> is isobutyl.

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9. A compound according to any one of claims 6 to 8, characterized in that the compound has formula (6").

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10. A compound according to any one of claims 6 to 9, characterized in that the compound has formula (6").

- 11. A compound according to any one of claims 6 to 10, characterized in that said compound is in the form of a salt selected from trifluoroacetate, fumarate, chloroacetate and methanesulfonate.
- 12. A method for preparing a compound of formula (9), wherein said method comprises the methods according to any one of claims 1 to 5, characterised in that said method
  10 further comprises aminating compound of formula (6) to obtain compound of formula (7), wherein

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R<sub>6</sub> is hydrogen, hydroxy, C<sub>1-6</sub>alkyl, Het<sup>1</sup>C<sub>1-6</sub>alkyl, Het<sup>2</sup>C<sub>1-6</sub>alkyl, aminoC<sub>1-6</sub>alkyl whereby the amino group may optionally be mono-or di-substituted with C<sub>1-4</sub>alkyl;

 $R_8$  is hydrogen,  $C_{1-6}$ alkyl, or  $-A-R_7$ ;

A is  $C_{1-6}$ alkanediyl, -C(=O)-, -C(=S)-,  $-S(=O)_2$ -,  $C_{1-6}$ alkanediyl--C(=O)-,

C<sub>1-6</sub>alkanediyl-C(=S)- or C<sub>1-6</sub>alkanediyl-S(=O)<sub>2</sub>-; whereby the point of attachment to the nitrogen atom is the C<sub>1-6</sub>alkanediyl group in those moieties containing said group;

R<sub>7</sub> is C<sub>1-6</sub>alkyloxy, Het<sup>1</sup>, Het<sup>1</sup>oxy, Het<sup>2</sup>, Het<sup>2</sup>oxy, aryl, aryloxy, C<sub>3-7</sub>cycloalkyl, or optionally mono- or disubstituted amino; and

in case -A- is other than C<sub>1-6</sub>alkanediyl then R<sub>7</sub> may also be C<sub>1-6</sub>alkyl, Het<sup>1</sup>C<sub>1-4</sub>alkyl, Het<sup>2</sup>C<sub>1-4</sub>alkyl, Het<sup>2</sup>C<sub>1-4</sub>alkyl, Het<sup>2</sup>C<sub>1-4</sub>alkyl, arylC<sub>1-4</sub>alkyl, arylC<sub>1-4</sub>alkyl, aryloxyC<sub>1-4</sub>alkyl or amino-C<sub>1-6</sub>alkyl; whereby each of the amino groups in the definition of R<sub>7</sub> may optionally be substituted with one or more substituents selected from C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkylcarbonyl, C<sub>1-4</sub>alkyloxycarbonyl, aryl, arylcarbonyl, aryloxycarbonyl, Het<sup>1</sup>, Het<sup>2</sup>, arylC<sub>1-4</sub>alkyl, Het<sup>1</sup>-C<sub>1-4</sub>alkyl or Het<sup>2</sup>C<sub>1-4</sub>alkyl; and

-A-R<sub>7</sub> may also be hydroxyC<sub>1-6</sub>alkyl; and

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R<sub>6</sub> and -A-R<sub>7</sub> taken together with the nitrogen atom to which they are attached may also form Het<sup>1</sup> or Het<sup>2</sup>;

deprotecting compound of formula (7) to obtain compound of formula (8),

coupling a radical of formula R<sub>1</sub>-L- to obtain compound of formula (9),

and N-oxides, salts, stereoisomeric forms, racemic mixtures, prodrugs, esters and metabolites thereof, wherein

 $R_1$  is selected from the group comprising hydrogen,  $C_{1\text{-}6}$ alkyl,  $C_{2\text{-}6}$ alkenyl, aryl $C_{1\text{-}6}$ alkyl,  $C_{3\text{-}7}$ cycloalkyl,  $C_{3\text{-}7}$ cycloalkyl $C_{1\text{-}6}$ alkyl, aryl, Het $^1$ , Het $^1$ C<sub>1-6</sub>alkyl, Het $^2$ , Het $^2$ C<sub>1-6</sub>alkyl; and  $R_1$  may also be a radical of formula (10)

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 $R_9$ ,  $R_{10a}$  and  $R_{10b}$  are, each independently, hydrogen,  $C_{1.4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1.4}$ alkyl)aminocarbonyl,  $C_{3.7}$ cycloalkyl,  $C_{2.6}$ alkenyl,  $C_{2.6}$ alkynyl or  $C_{1.4}$ alkyl optionally substituted with aryl,  $Het^1$ ,  $Het^2$ ,  $C_{3.7}$ cycloalkyl,  $C_{1.4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1.4}$ alkyl)-aminocarbonyl, aminosulfonyl,  $C_{1.4}$ alkylS(O)<sub>t</sub>, hydroxy, cyano, halogen or amino optionally mono- or disubstituted where the substituents are each independently selected from  $C_{1.4}$ alkyl, aryl, aryl $C_{1.4}$ alkyl,  $C_{3.7}$ cycloalkyl,  $C_{3.7}$ cycloalkyl $C_{1.4}$ alkyl,  $Het^1$ ,  $Het^2$ ,  $Het^1C_{1.4}$ alkyl and

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Het<sup>2</sup>C<sub>1-4</sub>alkyl; whereby R<sub>9</sub>, R<sub>10a</sub> and the carbon atoms to which they are attached may also form a C<sub>3-7</sub>cycloalkyl radical;

when L is -O-C<sub>1-6</sub>alkanediyl-C(=O)- or -NR<sub>12</sub>-C<sub>1-6</sub>alkanediyl-C(=O)-, then R<sub>9</sub> may also be oxo;

R<sub>11a</sub> is selected from the group comprising hydrogen, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>3-7</sub>cycloalkyl, aryl, aminocarbonyl optionally mono- or disubstituted, aminoC<sub>1-4</sub>alkylcarbonyloxy optionally mono- or disubstituted, C<sub>1-4</sub>alkyloxycarbonyl, aryloxycarbonyl, Het<sup>2</sup>oxycarbonyl, aryloxycarbonylC<sub>1-4</sub>alkyl, arylC<sub>1-4</sub>alkyloxycarbonyl, C<sub>1-4</sub>alkylcarbonyl, C<sub>3-7</sub>cycloalkylcarbonyl, C<sub>3-7</sub>cycloalkylcarbonyloxy, carboxylC<sub>1-4</sub>alkylcarbonyloxy, C<sub>1-4</sub>alkylcarbonyloxy, arylcarbonyloxy, aryloxycarbonyloxy, Het<sup>1</sup>carbonyloxy, Het<sup>1</sup>C<sub>1-4</sub>alkyloxycarbonyloxy, aryloxycarbonyloxy, Het<sup>2</sup>C<sub>1-4</sub>alkylcarbonyloxy, Het<sup>2</sup>C<sub>1-4</sub>alkyloxycarbonyloxy or C<sub>1-4</sub>alkyl optionally substituted with aryl, aryloxy, Het<sup>2</sup> or hydroxy; wherein the substituents on the amino groups are each independently selected from C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl, C<sub>3-7</sub>cycloalkyl, C<sub>3-7</sub>cycloalkyl

C<sub>1-4</sub>alkyl, Het<sup>1</sup>, Het<sup>2</sup>, Het<sup>1</sup>C<sub>1-4</sub>alkyl and Het<sup>2</sup>C<sub>1-4</sub>alkyl;

 $R_{11b}$  is selected from the group comprising hydrogen,  $C_{3-7}$ cycloalkyl,  $C_{2-6}$ alkenyl,

C<sub>2-6</sub>alkynyl, aryl, Het<sup>1</sup>, Het<sup>2</sup> or C<sub>1-4</sub>alkyl optionally substituted with halogen, hydroxy, C<sub>1-4</sub>alkylS(=O)<sub>t</sub>, aryl, C<sub>3-7</sub>cycloalkyl, Het<sup>1</sup>, Het<sup>2</sup>, amino optionally mono- or disubstituted where the substituents are each independently selected from C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl, C<sub>3-7</sub>cycloalkyl, C<sub>3-7</sub>cycloalkylC<sub>1-4</sub>alkyl, Het<sup>1</sup>, Het<sup>2</sup>, Het<sup>1</sup>C<sub>1-4</sub>alkyl and Het<sup>2</sup>C<sub>1-4</sub>alkyl;

whereby  $\mathbf{R}_{11b}$  may be linked to the remainder of the molecule via a sulfonyl group; and

L is selected from the group comprising -C(=O)-, -O-C(=O)-,  $-NR_{12}$ -C(=O)-, -O- $C_{1-6}$ alkanediyl-C(=O)-,  $-NR_{12}$ - $C_{1-6}$ alkanediyl-C(=O)-,  $-S(=O)_2$ -, -O- $S(=O)_2$ -,

R<sub>12</sub> is hydrogen, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, arylC<sub>1-6</sub>alkyl, C<sub>3-7</sub>cycloalkyl, C<sub>3-7</sub>cycloalkylC<sub>1-6</sub>alkyl, aryl, Het<sup>1</sup>, Het<sup>1</sup>C<sub>1-6</sub>alkyl, Het<sup>2</sup>, Het<sup>2</sup>C<sub>1-6</sub>alkyl;

R<sub>2</sub> is hydrogen or C<sub>1.6</sub>alkyl;

 $R_3$  is  $C_{3-7}$ cycloalkyl, aryl,  $Het^1$ ,  $Het^2$ , or  $C_{1-6}$ alkyl optionally substituted with  $C_{3-7}$ cycloalkyl, aryl,  $Het^1$ , or  $Het^2$ ; wherein each  $C_{3-7}$ cycloalkyl, aryl,  $Het^1$ , and  $Het^2$  may be optionally substituted with one or more groups selected from oxo,  $C_{1-6}$ alkyloxy,  $C_{1-6}$ alkyl,

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 $C_{1-6}$ alkylsulfonyl, aminosulfonyl, amino,  $C_{1-6}$ alkylcarbonylamino, hydroxy $C_{1-6}$ alkyl, cyano,  $C_{1-6}$ alkyloxycarbonyl, aminocarbonyl, halogen or trifluoromethyl, wherein each amino maybe mono- or disubstitued with  $C_{1-6}$ alkyl;

R<sub>4</sub> is selected from the group comprising hydrogen, C<sub>1-4</sub>alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di(C<sub>1-4</sub>alkyl)aminocarbonyl, C<sub>3-7</sub>cycloalkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, or C<sub>1-6</sub>alkyl optionally substituted with one or more substituents each independently selected from aryl, Het<sup>1</sup>, Het<sup>2</sup>, C<sub>3-7</sub>cycloalkyl, C<sub>1-4</sub>alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di(C<sub>1-4</sub>alkyl)aminocarbonyl, aminosulfonyl, C<sub>1-4</sub>alkyl-S(=O)<sub>t</sub>, hydroxy, cyano, halogen and amino optionally mono- or disubstituted where the substituents are each independently selected from C<sub>1-4</sub>alkyl, aryl, arylC<sub>1-4</sub>alkyl, C<sub>3-7</sub>cycloalkyl, C<sub>3-7</sub>cycloalkylC<sub>1-4</sub>alkyl, Het<sup>1</sup>, Het<sup>2</sup>, Het<sup>1</sup>C<sub>1-4</sub>alkyl and Het<sup>2</sup>C<sub>1-4</sub>alkyl; and

t is zero, one or two.

## 13. The method according to claim 12, wherein

 $R_1$  is a radical of formula (10)

$$R_{11}a$$
 $R_{10}a$ 
 $R_{10}b$ 
 $R_{11}b$ 
 $R_{12}$ 
 $R_{13}b$ 
 $R_{14}b$ 
 $R_{15}$ 

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 $R_9$ ,  $R_{10a}$  and  $R_{10b}$  are, each independently, hydrogen,  $C_{1.4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1.4}$ alkyl)aminocarbonyl,  $C_{3.7}$ cycloalkyl,  $C_{2.6}$ alkenyl,  $C_{2.6}$ alkynyl or  $C_{1.4}$ alkyl optionally substituted with aryl,  $Het^1$ ,  $Het^2$ ,  $C_{3.7}$ cycloalkyl,  $C_{1.4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1.4}$ alkyl)-aminocarbonyl, aminosulfonyl,  $C_{1.4}$ alkylS(O)<sub>t</sub>, hydroxy, cyano, halogen or amino optionally mono- or disubstituted where the substituents are each independently selected from  $C_{1.4}$ alkyl, aryl, aryl $C_{1.4}$ alkyl,  $C_{3.7}$ cycloalkyl,  $C_{3.7}$ cycloalkyl- $C_{1.4}$ alkyl,  $Het^1$ ,  $Het^2$ ,  $Het^1C_{1.4}$ alkyl and  $Het^2C_{1.4}$ alkyl;

whereby  $R_9$ ,  $R_{10a}$  and the carbon atoms to which they are attached may also form a  $C_{3-7}$ cycloalkyl radical;

R<sub>11b</sub> is hydrogen, C<sub>3-7</sub>cycloalkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, aryl, Het<sup>1</sup>, Het<sup>2</sup> or C<sub>1-4</sub>alkyl optionally substituted with halogen, hydroxy, C<sub>1-4</sub>alkylS(=O)<sub>t</sub>, aryl, C<sub>3-7</sub>cycloalkyl, Het<sup>1</sup>, Het<sup>2</sup>, amino optionally mono- or disubstituted where the

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substituents are each independently selected from  $C_{1-4}$ alkyl, aryl, aryl $C_{1-4}$ alkyl,  $C_{3-7}$ cycloalkyl,  $C_{3-7}$ cycloalkyl $C_{1-4}$ alkyl, Het<sup>1</sup>, Het<sup>2</sup>, Het<sup>1</sup> $C_{1-4}$ alkyl and Het<sup>2</sup> $C_{1-4}$ alkyl; whereby  $R_{11b}$  may be linked to the remainder of the molecule via a sulfonyl group;

t is zero, one or two;

L is -C(=O)-, -O-C(=O)-, -NR<sub>12</sub>-C(=O)-, -O-C<sub>1-6</sub>alkanediyl-C(=O)-, -NR<sub>12</sub>-C<sub>1-6</sub>alkanediyl-C(=O)-, -S(=O)<sub>2</sub>-, -O-S(=O)<sub>2</sub>-, -NR<sub>12</sub>-S(=O)<sub>2</sub> whereby either the C(=O) group or the S(=O)<sub>2</sub> group is attached to the NR<sub>2</sub> moiety; whereby the C<sub>1-6</sub>alkanediyl moiety is optionally substituted with a substituent selected from hydroxy, aryl, Het<sup>1</sup>, and Het<sup>2</sup>;

 $R_{12}$  is hydrogen,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl, aryl $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl,  $C_{3-7}$ cycloalkyl, Het $^1$ , Het $^1$ C $_{1-6}$ alkyl, Het $^2$ C $_{1-6}$ alkyl; and

 $R_4$  is hydrogen,  $C_{1-4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1-4}$ alkyl)aminocarbonyl,  $C_{3-7}$ cycloalkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, or  $C_{1-6}$ alkyl optionally substituted with one or more substituents selected from aryl,  $Het^1$ ,  $Het^2$ ,  $C_{3-7}$ cycloalkyl,  $C_{1-4}$ alkyloxycarbonyl, carboxyl, aminocarbonyl, mono- or di( $C_{1-4}$ alkyl)-aminocarbonyl, aminosulfonyl,  $C_{1-4}$ alkylS(=O)<sub>t</sub>, hydroxy, cyano, halogen and amino optionally mono- or disubstituted where the substituents are selected from  $C_{1-4}$ alkyl, aryl, aryl $C_{1-4}$ alkyl,  $C_{3-7}$ cycloalkyl,  $C_{3-7}$ cycloalkyl- $C_{1-4}$ alkyl,  $Het^1$ ,  $Het^2$ ,  $Het^1$ C<sub>1-4</sub>alkyl and  $Het^2$ C<sub>1-4</sub>alkyl.

14. The method according to any one of claims 12 to 13, wherein one or more of the following restrictions apply:

R<sub>1</sub> is hydrogen, Het<sup>1</sup>, Het<sup>2</sup>, aryl, Het<sup>1</sup>C<sub>1-6</sub>alkyl, Het<sup>2</sup>C<sub>1-6</sub>alkyl, arylC<sub>1-6</sub>alkyl, more in particular, R<sub>1</sub> is a saturated or partially unsaturated monocyclic or bicyclic heterocycle having 5 to 8 ring members, which contains one or more heteroatom ring members selected from nitrogen, oxygen or sulfur and which is optionally substituted, or phenyl optionally substituted with one or more substituents;

R<sub>2</sub> is hydrogen;

L is -C(=O)-, -O-C(=O)-, -O- $C_{1-6}$ alkanediyl-C(=O)-, more in particular, L is -O-C(=O)- or -O- $C_{1-6}$ alkanediyl-C(=O)-, whereby in each case the C(=O) group is attached to the NR<sub>2</sub> moiety;

R<sub>3</sub> is arylC<sub>1-4</sub>alkyl, in particular, arylmethyl, more in particular phenylmethyl;

 $R_4$  is optionally substituted  $C_{1-6}$ alkyl, in particular unsubstituted  $C_{1-6}$ alkyl or  $C_{1-6}$ alkyl optionally substituted with one or more substituents selected from aryl, Het<sup>1</sup>, Het<sup>2</sup>,  $C_{3-7}$ cycloalkyl and amino optionally mono- or disubstituted where the substituents are selected from  $C_{1-4}$ alkyl, aryl, Het<sup>1</sup> and Het<sup>2</sup>;

 $R_6$  is hydrogen or methyl; and

R<sub>8</sub> is hydrogen or methyl.

- 15. The method according to any one of claims 12 to 14, wherein R<sub>1</sub>-L is Het<sup>1</sup>-O-C(=O), Het<sup>2</sup>-C<sub>1-6</sub>alkanediyl-O-C(=O), aryl-O-C<sub>1-6</sub>alkanediyl-C(=O) or aryl---C(=O).
- 16. The method according to any one of claims 12 to 15, wherein NR<sub>6</sub>R<sub>8</sub> is amino, monomethylamino or dimethylamino.
- 10 17. The method according to to any one of claims 12 to 16, wherein

R<sub>1</sub> is a Het<sup>1</sup>, or a Het<sup>1</sup>C<sub>1-6</sub>alkyl, and

L is -O-C(=O)-;

R<sub>2</sub> is hydrogen;

R<sub>3</sub> is phenylmethyl;

15 R<sub>4</sub> is isobutyl;

R<sub>6</sub> is hydrogen; and

R<sub>8</sub> is hydrogen or methyl.

18. The method according to any one of claims 12 to 17, wherein compound (9) has formula (9"").

- 19. The method according to any one of claims 12 to 18, characterized in that
  compound of formula (9) is in the form of a salt selected from trifluoroacetate, fumarate, chloroacetate and methanesulfonate.
  - 20. Use of a compound as claimed in any of claims 7 to 11 as an intermediate for preparing a retrovirus protease inhibitor of formula (9).